

IN THE CLAIMS

Claim 1 has been amended as follows:

1. (Currently amended) A method for producing an x-ray image, comprising the steps of:

at respective time-separated times, generating a first x-ray image dataset containing image information of a body region of a subject and generating a second x-ray image dataset containing image information of substantially the same body region, at a same projection for each of said first and second x-ray image datasets;

subtracting the image information in one of said first and second x-ray image datasets from the image information in the other of said first and second x-ray image datasets to produce a subtraction image dataset containing image information;

emphasizing the image information in said subtracted image dataset to obtain emphasized image information; and

superimposing the emphasized image information of said subtraction image dataset on said image information of said second x-ray image dataset.

2. (Original) A method as claimed in claim 1 comprising emphasizing the image information of said subtraction image dataset in color.

3. (Original) A method as claimed in claim 1 comprising emphasizing said image information of said subtraction image dataset by intensification.

4. (Original) A method as claimed in claim 1 comprising selecting a thorax of a living subject as said body region.